

Applic. No.: 09/848,583
Response Dated May 24, 2006
Reply to Office communication of May 1, 2006

Listing of claims:

Claim 1 (currently amended). A cutting device for trimming margins of products, comprising:

a transport device having a course of motion; and

a first drive for driving the said transport device[[,]];

a stroke device for moving knives in a knife motion for performing the trimming of the margins[[,]]; and

a second drive for driving the said stroke device[[,]];

said first drive and said second drive being embodied as separate, mutually independent drives, and both of said drives being connected to one another via a control system for setting the course of motion of said transport device to the knife motion as a function of product format.

Claim 2 (original). The cutting device according to claim 1, wherein the cutting device serves for trimming margins of joined-together sheets of paper.

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Claim 3 (original). The cutting device according to claim 2, wherein the cutting device serves for trimming margins of stitched-together sheets of paper.

Claim 4 (original). The cutting device according to claim 1, wherein said control system includes a first and a second control unit, said first drive being linked to said first control unit, and said second drive being linked to said second control unit, and includes a connection linking said first control unit to said second control unit.

Claim 5 (cancelled).

Claim 6 (original). The cutting device according to claim 4, wherein said first drive is connected by said first control unit and said second drive by said second control unit to a machine control unit.

Claim 7 (original). The cutting device according to claim 6, wherein said machine control unit has a human-machine interface.

Claim 8 (original). The cutting device according to claim 4, including respective position transducers connected to said first and said second control units and to said first and said

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second drives, respectively, so that a position regulation of a respective one of said first and said second drives is performable with at least one of said first and said second control units.

Claim 9 (original). The cutting device according to claim 8, wherein said first and said second drives are motors.

Claim 10 (original). The cutting device according to claim 4, wherein said drives are motors, and wherein at least one of said control units for a respective one of said motors has a memory-programmed controller.

Claim 11 (withdrawn - currently amended). A method for trimming margins of products using the cutting device according to claim 1, which comprises the following steps:

transporting the products to a first cutting station by a transport device having a first, ~~separate~~ drive and a first control unit;

making a first cut with a knife secured to a stroke station that is movable by a second, ~~separate~~ drive connected to a second control unit;

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transporting the products to a second cutting station by a transport device having a first, ~~separate~~ drive and a first control unit; and

making a second cut with a knife secured to a stroke station that is movable by a second, ~~separate~~ drive connected to a second control unit;

wherein the first drive and the second drive being embodied as separate, mutually independent drives, and both of the drives being connected to one another via a control system for setting the course of motion of the transport device to the knife motion as a function of product format.

Claim 12 (currently amended). A In combination with a gatherer-stitcher having, a cutting device for trimming margins of products, comprising:

a transport device having a course of motion; and

a first drive for driving the said transport device[[,]]; and

a stroke device for moving knives in a knife motion for performing the trimming of the margins[[,]]; and

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a second drive for driving the said stroke device[[,]];

said first drive and said second drive being embodied as separate, mutually independent drives, and both of said drives being connected to one another via a control system for setting the course of motion of said transport device to the knife motion as a function of product format.

Claim 13 (currently amended). The ~~gatherer-stitcher~~ cutting device according to claim 12, wherein the products having the margins thereof trimmed are sheets of paper joined together by stitching.